

Title (en)
OPHTHALMIC MEDICATION

Publication
EP 0441003 A3 19920129 (EN)

Application
EP 90203428 A 19901219

Priority
US 45362489 A 19891220

Abstract (en)
[origin: EP0441003A2] Glycosaminoglycan polysulfates (GAGPS) have been found to be useful in ophthalmic medications in the prevention and treatment of eye injuries. Particularly useful are GAGPS having a molecular weight in the range 5,000-20,000 daltons. GAGPS-containing ophthalmic medications are usefully combined with an antibiotic in the treatment of ocular fungal or bacterial infections or with an antibiotic in the treatment of fungal or bacteria infections or with an anti-glaucoma agent, such as pilocarpine or epinephrine, in the treatment of glaucoma. Also, of particular usefulness are GAGPS solutions or dispersions used to enhance healing after corneal abrasion or surgical insult.

IPC 1-7
A61K 31/725; **A61K 31/73**; **A61K 9/06**

IPC 8 full level
A61K 31/715 (2006.01); **A61K 9/00** (2006.01); **A61L 12/14** (2006.01); **A61L 26/00** (2006.01); **A61P 27/02** (2006.01)

CPC (source: EP US)
A61K 9/0048 (2013.01 - EP US); **A61K 31/715** (2013.01 - EP US); **A61L 12/14** (2013.01 - EP US); **A61L 26/0023** (2013.01 - EP US); **A61P 27/02** (2017.12 - EP)

Citation (search report)

- [X] EP 0197718 A2 19861015 - FIDIA SPA [IT]
- [X] EP 0138572 A2 19850424 - FIDIA SPA [IT]
- [X] EP 0244178 A2 19871104 - IOLAB INC [US]
- [A] EP 0063973 A1 19821103 - POS LAB [FR]
- [A] EP 0208623 A2 19870114 - SANOFI SA [FR]
- [A] GB 2207049 A 19890125 - SIEPSE STEVEN B
- [X] EP 0240464 A1 19871007 - CIBA GEIGY AG [CH]
- [X] US 4259202 A 19810331 - TANAKA KYOICHI, et al
- [X] EP 0041449 A1 19811209 - FABRE SA PIERRE [FR]
- [X] GB 2163436 A 19860226 - HALPERN GREGORY, et al
- [X] US 4264155 A 19810428 - MIYATA TERUO
- [X] US 4810586 A 19890307 - HALPERN GREGORY [US], et al
- CHEMICAL ABSTRACTS, vol. 112, no. 10, 5th March 1990, abstract no. 84201z, Columbus, Ohio, US; M. SAETTONI et al.: "Mucoadhesive liquid ophthalmic vehicles-evaluation of acromolecular ionic complexes of pilocarpine" & DRUG DEV. IND. PHARM. 15(14-16), 2475-89, abstract.
- CHEMICAL ABSTRACTS, vol. 110, no. 26, 26th June 1989, abstract no. 237065c, Columbus, Ohio, US; M. SAETTONI et al.: "Evaluation of muco-adhesive properties and in vivo activity of ophthalmic vehicles based on hyaluronic acid" & INT. J. PHARM. 51(3), 203-12, abstract.
- CHEMICAL ABSTRACTS, vol. 108, no. 12, 21st March 1988, abstract no. 101212z, Columbus, Ohio, US; R. GURNY et al.: "Design and evaluation of controlled release systems for the eye" & CONTROLLED RELEASE, 6, 367-73, abstract.

Cited by
EP0552593A1; WO0056298A3

Designated contracting state (EPC)
CH DE FR GB LI SE

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